

ABSTRACT

The present invention has an object to provide a tumor
necrosis factor mutant protein, particularly, a tumor necrosis
5 factor mutant protein specific to TNF-R1 or TNF-R2; tumor
necrosis factor inhibitor; or tumor necrosis factor preparation
containing it as an effective ingredient, and the object is
solved by providing a tumor necrosis factor mutant protein
where one or more amino acid residues selected from the group
10 consisting of 29th, 31st, 32nd, 145th, 146th and 147th, or the
group consisting of 84th to 89th from the N-terminal of the
amino acid sequence of SEQ ID NO:1 is/are replaced with other
amino acid residue(s); a tumor necrosis factor inhibitor; and a
tumor necrosis factor preparation containing it as an effective
15 ingredient.